

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 85-136

WASTE DISCHARGE REQUIREMENTS

EAST BAY REGIONAL PARK DISTRICT
COYOTE HILLS REGIONAL PARK
FREMONT, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. East Bay Regional Park District, hereinafter called the discharger, by application dated July 17, 1985, has applied for issuance of waste discharge requirements and a permit to discharge an average of 150 gallons per day and up to a maximum of 300 gallons per day from a septic tank to two oxidation ponds where the wastewater evaporates. No direct discharge occurs from the wastewater ponds to waters of the State.
2. On November 21, 1963 the Board adopted Resolution No. 517 for Stanford Research Institute which allowed 500 gallons per day of wastewater to be discharged into oxidation ponds after initial treatment through a septic tank at their Coyote Hills facility.
3. The discharger is no longer operating this facility. East Bay Regional Park District now owns and operates the waste treatment facility. Resolution No. 517 was rescinded by the Board on June 19, 1985.
4. Coyote Hills Regional Park has four flush toilets that discharge to the on-site septic tank and eleven chemical toilets whose wastes are hauled by a legal waste hauler to Union Sanitary Districts' wastewater treatment plant for treatment and disposal. The discharger has submitted documents to the Board that demonstrates that the oxidation ponds can easily treat the BOD loading expected from the septic tank. Calculations have also been submitted demonstrating that evaporation will dispose of all of the flow during the year.

5. The ponds are constructed in clayey soil which functions as a barrier to percolation of pond waste to the groundwater. Groundwater is brackish, so there is very little chance of further degrading, the underlying groundwater. The Coyote Hills form a natural barrier which separates the oxidation ponds from an artesian spring that is used in part for the park's drinking water supply. The discharger monitors the artesian spring one to two times per year for drinking water parameters and four times per year for coliform. Monitoring data show that the springwater has not exceeded the drinking water criteria, except for minor coliform violations which are probably due to animals getting in the spring. The main water source for the visitor center is piped from Alameda County wells which are separated by salt water intrusion barrier wells.
6. The Regional Board adopted a revised Water Quality Control Plan for San Francisco Bay Region (Basin Plan) on July 21, 1982. The Basin Plan contains water quality objectives for South San Francisco Bay and contiguous waters.
7. The beneficial uses for South San Francisco Bay, and Coyote Hills slough are:
 - ° Water contact recreation
 - ° Non-contact water recreation
 - ° Wildlife habitat
 - ° Preservation of rare and endangered species
 - ° Estuarine and cold fresh water habitat
 - ° Fish migration and spawning
 - ° Shellfish harvesting
 - ° Commercial and sport fishing
8. The beneficial uses for the Santa Clara Valley groundwater basin are:
 - ° Municipal supply
 - ° Industrial process water supply
 - ° Industrial service supply
 - ° Agricultural uses
9. This project involves a change of ownership with no change in facility size or location and as much is exempt from the provisions of the California Environmental Quality Act in accordance with Title 14, California Administrative Code, Chapter 3, Section 15101.

10. This Board has notified the discharger and interested agencies and persons of its intent to issue waste discharge requirements.
11. At a public meeting this Board heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that East Bay Regional Park District, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. Overflow or discharge from the ponds is prohibited.
2. No groundwater contamination will be allowed.

B. Limitations

The discharger shall comply with the following specifications immediately:


1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. To prevent threat of overflows, a minimum freeboard of 2 feet shall be maintained in each evaporation-pond at all times.
3. The discharge of waste shall not degrade the quality of any groundwater.
4. The discharge of waste shall not cause seepage to surface at any place outside the evaporation ponds.

C. Provisions

1. The discharger shall submit a maintenance schedule for upkeep of the ponds, for periodic pumping of the septic tank, and pump which pumps sewage from septic tank to ponds, 30 days after adoption of this Order.
2. The discharger shall maintain the fence that surrounds the oxidation ponds and adequately post signs prohibiting public access to wastewater ponds. This is part of the required maintenance as described in provision one, above.

3. The discharger shall file with the Regional Board technical reports on self-monitoring work performed according to detailed specifications as directed by the Executive Officer.
4. The discharger shall permit the Regional Board or its authorized representatives in accordance with California Water Code Section 13267(c):
 - a. Entry upon premises in which an effluent source is located or in which any required records are kept.
 - b. Access to copy any records required to be kept under terms and conditions of this order.
 - c. Inspection of any monitoring equipment or method required by this order.
 - d. Sampling of any discharge.
5. The discharger shall maintain a copy of this Order at the site so as to be available at all times to personnel operating waste treatment and disposal facilities.
6. In the event of any changes in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger the discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.
7. The discharger shall comply with all sections of this order immediately upon adoption.
8. All applications, reports or information submitted to the Regional Board shall be signed and certified as being accurate.
9. If any groundwater contamination is suspected, this Board shall be notified immediately by telephone, followed up by a written report within five days.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on December 18, 1985.



ROGER B. JAMES
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

T E N T A T I V E
SELF-MONITORING PROGRAM
FOR

East Bay Regional Park District

Coyote Hills Regional Park

Fremont, Alameda County

NPDES NO. _____

ORDER NO. 85-136

CONSISTS OF

PART A, dated January 1978

AND

PART B

PART B

DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS

I. Sampling Stations

A. Impoundment Facilities

<u>Station</u>	<u>Description</u>
L-1 thru L-'n'	Located along the perimeter of each pond containing reclaimed wastewaters at equidistant intervals not to exceed 50 feet.

(A sketch showing the locations of these stations should accompany each report.)

II. Schedule of Observations

The discharger is required to perform the following observations:

- (1) Determine height of the freeboard at lowest point of dikes confining liquid wastes.
- (2) Evidence of leaching liquid from area of confinement and estimated size of affected area. (Show affected area on a sketch.)
- (3) Odor: presence or absence, characterization, source, and distance of travel.
- (4) Estimated number of waterfowl and other water-associated birds in the disposal area and vicinity.
- (5) Weather conditions: wind-direction and estimated velocity.

These observations will be made monthly and reported quarterly.

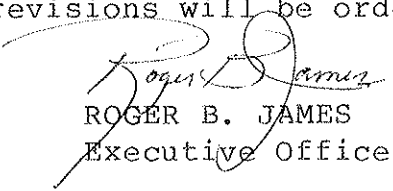
III. Miscellaneous Reporting

A. The discharger shall telephone the Executive Officer immediately upon detecting a violation of any reclaimed water use specifications or prohibitions.

1. Any discharge from the pond shall be immediately reported to the Board and followed by a written report in five days.

I, Roger B. James, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No.
2. Was adopted by the Board on December 18, 1985.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.


ROGER B. JAMES
Executive Officer